

Notice of Allowability

Application No.

10/010,507

Applicant(s)

BARDE ET AL.

Examiner

Art Unit

Kristie Shingles

2141

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 6/7/2006.
2. ☒ The allowed claim(s) is/are 1,3,5,7 and 10-21.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 1.7.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>8/22/06</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

kds/20060822

DETAILED ACTION

Response to Amendment

1. This action is responsive to the Amendment After Non-Final Office Action received on 6/7/2006:

Claims 1, 10, 11 and 17 have been amended.

Claims 2, 4, 6, 8 and 9 have been canceled.

Claims 18-21 are newly added.

Claims 1, 3, 5, 7 and 10-21 are allowed.

Examiner's Amendment

2. An Examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to Applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Atty. Jeffery Chapp on 8/22/2006.

The application has, therefore, been amended as follows:

Regarding Claim 1:

- replace "completely distributed" in line 5 with—"loaded"—.

Claim 1 should now read:

A server load reduction system for viewing data from a master URL comprising:
a client group of computers comprising a plurality of browsers receiving the master URL to browse to only when the data representing a target page has been loaded to said client group of computers;

a multicast server client storage location comprising a client browser cache and comprising logic automatically distributing the data to said client group of computers via multicast file distribution; and

at least one client server for determining that a potential URL is the desired master URL and loading the master URL to said multicast server client storage location.

Reasons for Allowance

3. The following is an examiner's statement of reasons for allowance:

The prior art or record fails to teach neither singly nor in combination, the claimed limitation of "said plurality of client computers receiving said master URL to browse to only when all of said data is loaded to said plurality of client computers" as stated in independent claims 1, 7 and 11. The prior art of record, *Dillon* (USPN 6,351,467), *Monteiro et al* (USPN 7,080,153) and *Luby et al* (US Publication 2002/0129159) teaches providing content from a content server or proxy cache by multicasting the content to the users of a multicast group channel and unicasting the content to other users. However, none of the prior art of record teach the above limitation in conjunction with notifying a multicast client server when said proxy server contains all of said multicast portion of said data; receiving said multicast portion of said data in said multicast server; automatically loading said multicast portion of said data from said multicast server to a plurality of client computers; said plurality of client computers receiving said master URL to browse to only when all of said data is loaded to said plurality of client computers. These limitations, in conjunction with other limitations in the independent claim, are not specifically disclosed or remotely suggested in the prior art of record. A review of Claims 1, 3, 5, 7 and 10-21, in view of the Examiner's remarks above, indicates that Claims 1, 3, 5, 7 and 10-21 are allowable over the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

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fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion


4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kristie Shingles whose telephone number is 571-272-3888. The examiner can normally be reached on Monday-Friday 8:30-6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia can be reached on 571-272-3880. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kristie Shingles
Examiner
Art Unit 2141

kds


RUPAL DHARIA
SUPERVISORY PATENT EXAMINER